

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Charles E. Taylor et al.
Appl. No.: 10/798,732
Conf. No.: 4986
Filed: March 11, 2004
Title: ROBOT VACUUM WITH INTERNAL MAPPING SYSTEM
Art Unit: 3661
Examiner: Christine M. Behncke
Docket No.: 112440-129

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO RESTRICTION REQUIREMENT

Sir:

This Response is submitted in reply to the Restriction Requirement dated August 9, 2007. Please charge Deposit Account No. 02-1818 for any fees due in connection with this Response.

The Restriction Requirement, issued under 35 U.S.C. §121, requires Applicants to elect one of the following groups of claims:

Ia. Claims 1-22, drawn to a method and apparatus for mapping a region in a first internal map and using the first internal map to produce a second internal map of lower resolution, classified in class 701, subclass 28.

Ib. Claims 23-84, drawn to methods and apparatuses comprising determining a subgrid of predetermined dimensions, determining another subgrid of predetermined dimensions within the room to clean in a serpentine pattern, classified in class 701, subclass 201.

II. Claims 85-96, drawn to a method and apparatus of cleaning a floor surface with a robot cleaner, mapping a limited region in an internal map, the limited region being less than a room, classified in class 700, subclass 245.

In response, Applicants hereby elect Group Ia, claims 1-22 for examination on the merits without traverse. Applicants have made such election for purposes of advancing the prosecution of this application. Such election shall not be deemed an admission with respect to the propriety

of the Restriction Requirement or the accuracy of the conclusions set forth in the Restriction Requirement. Favorable consideration is respectfully requested.

Respectfully submitted,

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BY



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Date: September 7, 2007